

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-015889**Date Inspected:** 21-Jul-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	NA	CWI Present:	Yes	No			
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006	Component:	OBG Seg.				

Summary of Items Observed:

On this day CALTRANS OSM Quality Assurance Inspector (QA) Mr. Shailesh Wadkar was present during the times noted above for observations relative to the fabrication of the Self Anchored Suspension (SAS) Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island, in Shanghai, China. QA observed and/or found the following:

ZPMC SHIP – 19: OBG Seg 8AE, Seg 8BE and Seg 8CE.

This QA Inspector along with Mr. Manikandan Murugan photographed and documented various locations of OBG Seg 8AE, Seg 8BE and Seg 8CE; prior to the shipment of Voyage 4 (en-route to Yerba Buena Island, California, USA). Photographs were taken and documented for the locations and are available for review upon request.

Details are as follows:

- OBG Seg 8AE - Panel Point (PP) 61 to PP64.
- OBG Seg 8BE – PP65 to PP67.
- OBG Seg 8CE – PP68 to PP71.

Photographs were taken and documented in the following sequence (starting from OBG Seg 8AE PP60 to Seg 8CE PP71):

- 1) Corner Assembly – Bike Path side.

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- 2) Longitudinal Diaphragm – Bike Path side.
- 3) Chevron diagonal members (upper and lower) – Bike Path side.
- 4) Sea fasteners.
- 5) Chevron diagonal members (upper and lower) – Cross Beam side.
- 6) Longitudinal Diaphragm – Cross Beam side.
- 7) Corner assembly – Cross Beam side.
- 8) Truss post – Cross Beam side.

The photographs and its sequence details are documented and are submitted to the Task Leader for review.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No significant conversations were reported on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang; phone: 15000422372., who represents the Office of Structural Materials for your project.

Inspected By:	Wadkar,Sailesh	Quality Assurance Inspector
Reviewed By:	Peterson,Art	QA Reviewer
